

Claims

1. Ancillary used to remove bone, notably a rasp (3) or a cutting unit (6) for surgery to fit a prosthesis, notably a hip or knee prosthesis, comprising a main body in plastic characterised in that at least one insert (4, 10, 5) made of a harder material than the bone, notably metal, is fixed to the plastic of the body so that if the device is heated at least to a Ti temperature, at least one insert will come away from the main body.

2. Ancillary according to Claim 1, characterised in that at least one insert is stuck to the plastic with a glue that deteriorates at least at Ti or above Ti.

3. Ancillary according to Claim 1 or 2, characterised in that in order to fix it to the body, at least one insert is at least partly embedded in the plastic, a plastic that deteriorates at least at or above the given Ti temperature.

4. Ancillary according to one of Claims 1 to 3, characterised in that the Ti temperature is between 50°C and 200°C, preferably between 70°C and 150°C and is specifically equal to 137°C.

5. Device according to one of the previous claims characterised in that the ancillary comprises a handle fixed to the body so that it comes away at least at or above the Ti temperature.

6. Ancillary according to one of the previous claims, characterised in that the plastic of the body is harder than the bone.

7. Device according to one of Claims 1 to 6 characterised in that the ancillary comprises one part (5) in a shape memory material, which is harder than the plastic, the shape memory material taking an initial shape above a given Ti temperature and a second shape below this given Ti temperature, the initial shape being such that when the temperature exceeds Ti and the material assumes this initial shape by itself, the ancillary is then at least partly destroyed.

8. Device according to Claim 7 characterised in that at least one insert comprises a part (5) in a shape memory material.

9. Kit consisting of a vacuum-packed tray, or tray packed in a sterile atmosphere, comprising one or more ancillaries according to one of the previous claims.

10. Process of manufacturing an ancillary according to one of Claims 1 and 3 to 8 characterised in that it consists of producing the insert(s) in a harder material by moulding, notably by injection moulding, the insert(s) being arranged beforehand within the volume of the mould in the position they are required to have in the final ancillary.